

# Edward (Eddie) Deveau

P.Eng., CFEI, rmc



PO Box 37004  
Mayland Heights  
Calgary, AB T2E 8V1

## EDUCATION

Bachelor of Engineering, Chemical Engineering (2011)  
Royal Military College of Canada, Kingston, ON

## PROFESSIONAL REGISTRATION/LICENSING

- Licensed Professional Engineer, Association of Professional Engineers and Geoscientists of Alberta (APEGA)
- Licensed Professional Engineer, Professional Engineers Ontario (PEO)

## CERTIFICATION

- Certified Fire and Explosion Investigator (CFEI)

## PROFESSIONAL EXPERIENCE

Eddie is a Professional Engineer and Certified Fire and Explosion Investigator. He has over 10 years of experience conducting field investigations, evidence examinations, research and failure analyses. He has completed over 150 investigations into industrial, commercial, residential, vehicle and equipment fires, as well as material failures, water losses, collision reconstruction, electrical failures, and root-cause failure investigations.

### March 2021 to Present

Forensic Engineer and Fire & Explosion Investigator, **Origin and Cause Inc.**  
Calgary, Alberta

- Manage and oversee complex fire investigations and failure analysis files for Western and Northern Canada, including functions such as file intake, coordination, scene examination, documentation, evidence retention, and reporting
- Provide subject matter expertise relating to fire investigation and evidence examination, including the review of fire investigation files within the company
- Additional files handled include material failures, water losses, collision reconstruction, electrical failures, and structural investigations.

### March 2019 to 2020

Senior Fire Investigator/Forensic Engineer, **Pario Engineering and Environmental Services**  
Calgary, Alberta

- Managed and oversaw complex fire investigations and failure analysis files for Western and Northern Canada. This included functions such as file intake, coordination, scene examination, documentation, evidence retention, and reporting
- Provided subject matter expertise relating to fire investigation and evidence examination, including the review of fire investigation files within the company
- Additional files handled included material failures, water losses, collision reconstruction, electrical failures, and structural investigations.

### 2015 to 2019

Project Engineer, **Jensen Hughes Consulting Canada Limited**  
Calgary, Alberta

- Conducted field investigations, evidence examinations, research, failure analysis, and produced investigation and engineering reports
- Regularly undertook fire and failure analysis files including industrial, commercial, residential, vehicles, and equipment incidents throughout Western Canada

# Edward (Eddie) Deveau

M.Sc., EIT

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- Assisted in the implementation of a workplace health and safety committee and held an employee seat, leading upgrades and improvements to our safety equipment and processes
- Trained new staff in proper fire investigation and forensic engineering practices

## 2014 to 2015

Technical Safety Engineering – Engineer in Training, **Canadian Natural Resources Limited**

Calgary, Alberta

- Supported senior engineers in identifying overpressure protection by system design through analysis of technical documents for the Horizon Oil Sands
- Reviewed and analyzed technical drawings to verify risk mitigation
- Assisted and participated with hazard assessments as well as hazard and operability studies (HAZOP)

## 2007 to 2013

Naval Combat Systems Engineering Officer, **Royal Canadian Navy**

Halifax, Nova Scotia

- Served aboard HMCS Charlottetown as an officer in the Canadian Armed Forces. Provided technical expertise, advice, and leadership for the operation and maintenance of naval combat systems